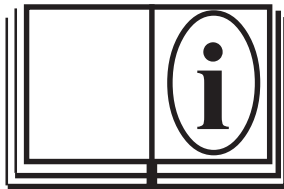




# GOLIATH GUILLOTINE PIPE SAW

**Alpha Rentals, L.L.C.**  
**4706 Curtis Lane**  
**New Iberia, LA 70560**  
337-367-2880 [www.alpha4rentals.com](http://www.alpha4rentals.com)

## GOLIATH GUILLOTINE PIPE SAW 98-037



|  |                        |   |
|--|------------------------|---|
|   | <b>TUBE &amp; PIPE</b> |  |
|  | CUT-OFF MACHINES       |   |
| Mod. Goliath Guillotine Ser.No. <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |                        |   |
| E.H. WACHS COMPANIES<br>100 Shepard St. Wheeling Il. 60090<br>Patent Pending   |                        |   |

Part Number: 98-037

Revision No: 2



Revised:  
july '04

# GOLIATH GUILLOTINE PIPE SAW

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# GOLIATH GUILLOTINE PIPE SAW

## SECTION I

## MACHINE SPECIFICATIONS

The Wachs Goliath Guillotine Pipe Saw is shipped assembled except for the clamping chain and blade. The blade should be installed after the Guillotine is secured to the pipe. Please observe the warning sticker located on the Guillotine before proceeding to operate machine.

**Capacity:** Cold cut all pipe material.  
16"-32" (406-810 mm) diameter pipe

**Wall thickness:** Any wall thickness

**Clamping system:** Chain clamping

**Feed system:** Hydraulic  
(Manual & automatic feed)

**Feed rate:** 0.008 or 0.016 (Adjustable)

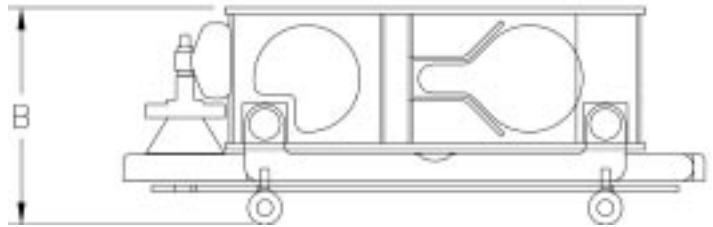
**Drive motor:** 2 Heavy Duty Hydraulic  
Motor: 15 gpm @ 1500 psi  
(57 l/s @ 106 bar)

**Finish:** Paint, epoxy, stainless, utilization of anti-corrosive process on other parts.

**Weight:** 1800 lbs.

### Blade Recommendations:

| PN        | Description  |
|-----------|--|
| 93-37-414 | Coarse blade used for heavy wall or multi-strand pipe. |
| 93-37-415 | Fine blade used for thin wall single strand pipe.      |



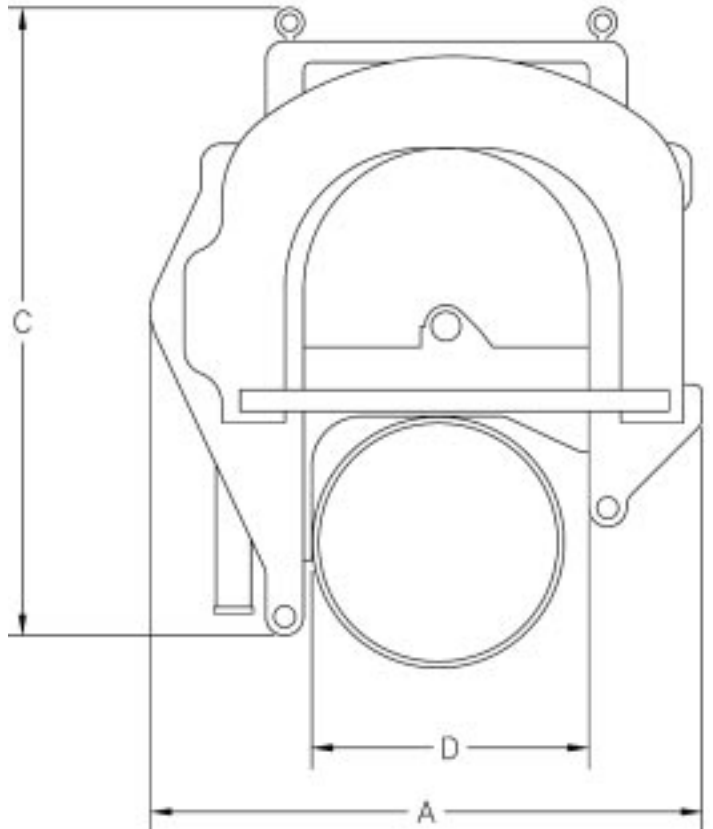
### Dimensions

A- 66"

B- 25"

C- 76-1/2"

D- 33"



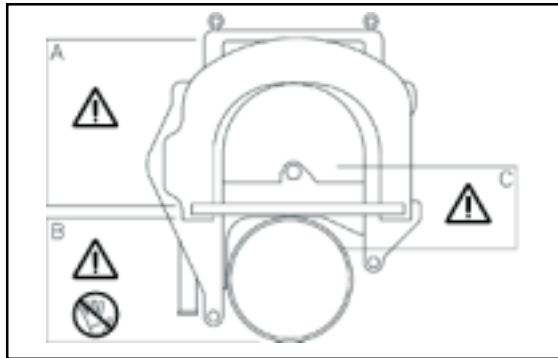
# MACHINE OPERATION

# GOLIATH GUILLOTINE PIPE SAW

## SECTION II

## SAFETY & MACHINE OPERATION

### Safety



### Unsafe Operation Zones

The above diagram illustrates zones that should be avoided by the user during operation:

- A. CAUTION-** Oscillating Saw Bow
- B. CAUTION-** Pipe Saddle, keep hands and feet clear when resting saw on pipe.
- C. CAUTION-** Cutting zone, keep all body parts clear during operation.

**NOTE: GREASE MACHINE BEFORE EVERY CUT**  
(see maintenance section).

1. Before proceeding to install the Guillotine, make sure that the blade is raised as high as possible by turning the feed handle clock-wise until it tops out. Make sure that the feed control lever is locked in the neutral (disengaged) position. This is done by pushing the feed lock out pin **A** towards the machine, while forcing the feed control lever **B** down (figure 1).
2. Attach water hose to the chip remover, and adjust the chip remover so that the water stream flows over the teeth of the blade. Adequate water flow is necessary to extend blade life and prevent sudden blade failures.

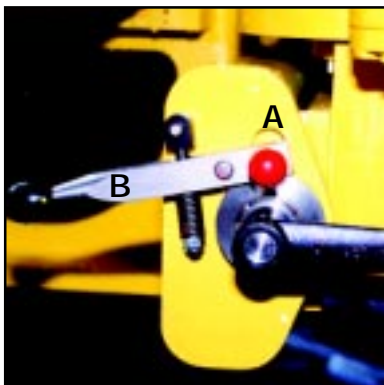


figure 1

3. The clamping chain is attached to the saddle by inserting the supplied  $\frac{1}{2}$ "x2  $\frac{1}{2}$ " shoulder screw into the saddle and chain assembly.
4. Lift saw on to the pipe with the supplied lift the Guillotine on the pipe using eyebolts **F** and **E** (figure 2) to mount the machine vertically.

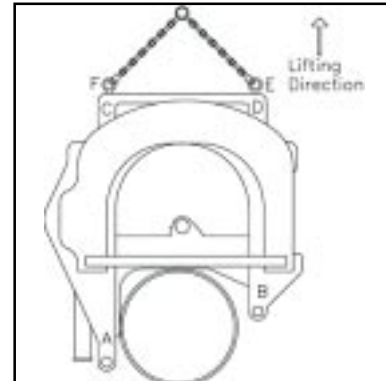


figure 2

The machine will also mount onto a horizontal pipe on its side, use eyebolts **F** and **G** (figure 3).

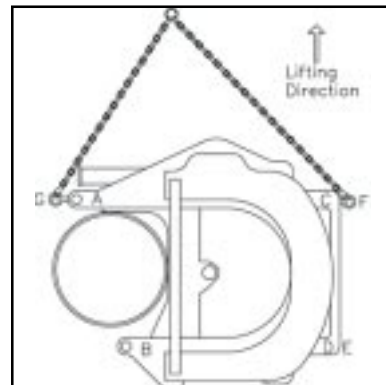


figure 3

When the pipe is vertical use eyebolts **A**, **C** and **D** (figure 4). The pipe rests against the saddle as illustrated (figure 2).

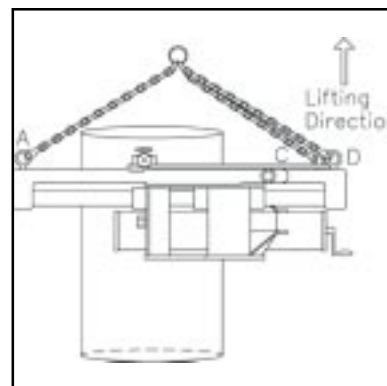


figure 4

# GOLIATH GUILLOTINE PIPE SAW

## SECTION II

## MACHINE OPERATION



figure 5

5. Once the Guillotine is in the desired position, wrap the clamping chain around the pipe belly. Pull the chain tight, engaging the closest cross pin all the way into the clamp screw hook (figure 5).
6. Tighten the clamping nut clock-wise until the machine is solid to the pipe (figure 6).



figure 6

7. Remove the frame leg support after the machine is mounted, by turning it counter-clock-wise. **This leg is for stabilizing the machine while it is being mounted not necessary for operation. The leg will interfere with operation if left in, and may damage machine.**

**CAUTION:** Do not remove the chain and lifting devise from the machine. Allow the lifting chain to go slack during operation. This is for safety. Failure to do this may cause damage to the operator or the machine.

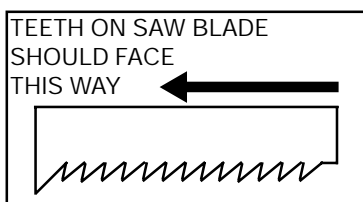


figure 7

### Blade Installation

**Caution:** Use gloves to remove worn blades. Metal fragments may cut bare hands.

1. Bring frame bow into its outermost position by turning the feed handle counter-clock-wise.



figure 10



figure 9

2. Loosen the tension knob and the two blade clamp knobs counterclockwise.
3. Check blade to make sure that the cutting edge of the teeth point left when you face the front of the machine (see decal, figure 7). The blade is mounted to the lowest dowel pin located at the end of the bow. To tension the blade, tighten the two blade clamp knobs, hand tight. Tighten the tension knob until taut (figure 8). Then tighten the blade clamp knobs, left side and right side of the bow (figure 9).

# GOLIATH GUILLOTINE PIPE SAW

## SECTION II

## MACHINE OPERATION

A sharp taut blade will assure a straight, clean cut.



figure 10

4. When the cut has completed, turn off power before raising the blade. The blade may have to be removed if binding occurs.

### Operation:

**Caution:** Make sure that there is slack in the lifting device at all times during operation.

1. Close the hydraulic valve (figure 10).
2. Adjust the feed control by pushing the feed control lever **A** down and push in the feed lockout pin **B**, to disengage the automatic feed.
3. Turn on the power supply. Adjust the power unit to 15 GPM.
4. Slowly open the hydraulic valve until it is fully opened (figure 10).
5. To engage the cut, release the feed control lever by pulling the feed lock out of pin out (figure 11).

### Adjusting the Feed Rate

There is one fixed feed trip pin located on the wheel cam. As the wheel cam rotates, the feed trip pin strikes the feed shaft, causing the worm feed gear to rotate. As the worm feed gear rotates, the bow feeds into the cut.

The feed rate has been factory set at approximately 0.008" per cycle.

The feed rate can be doubled by sliding out the second feed trip pin (figure 12).

1. Slide out the feed trip pin about ½ inch, to engage second feed trip pin. It will lock in place.
2. To restore factory feed rate, push feed trip pin back to its original place.

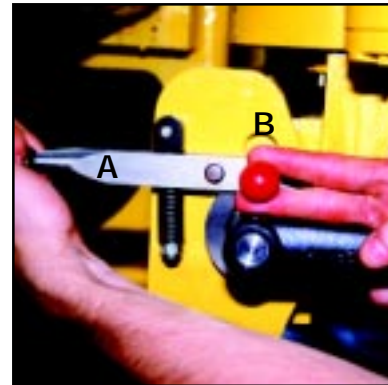


figure 11

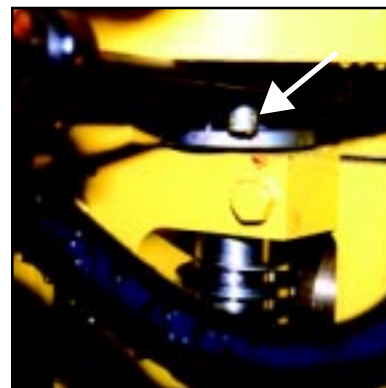


figure 12

# GOLIATH GUILLOTINE PIPE SAW

## SECTION II

## MAINTENANCE

### Maintenance

There are four (4) grease fittings (figure 13).

Wipe shafts and feed tower ways to remove unwanted particles and grease after each cut (figure 14).



figure 13

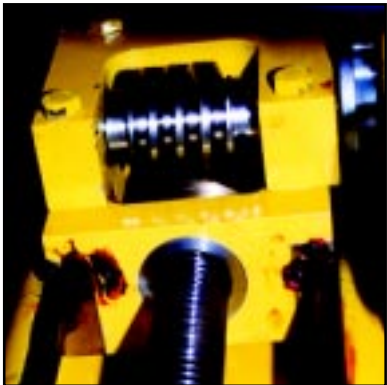


figure 14

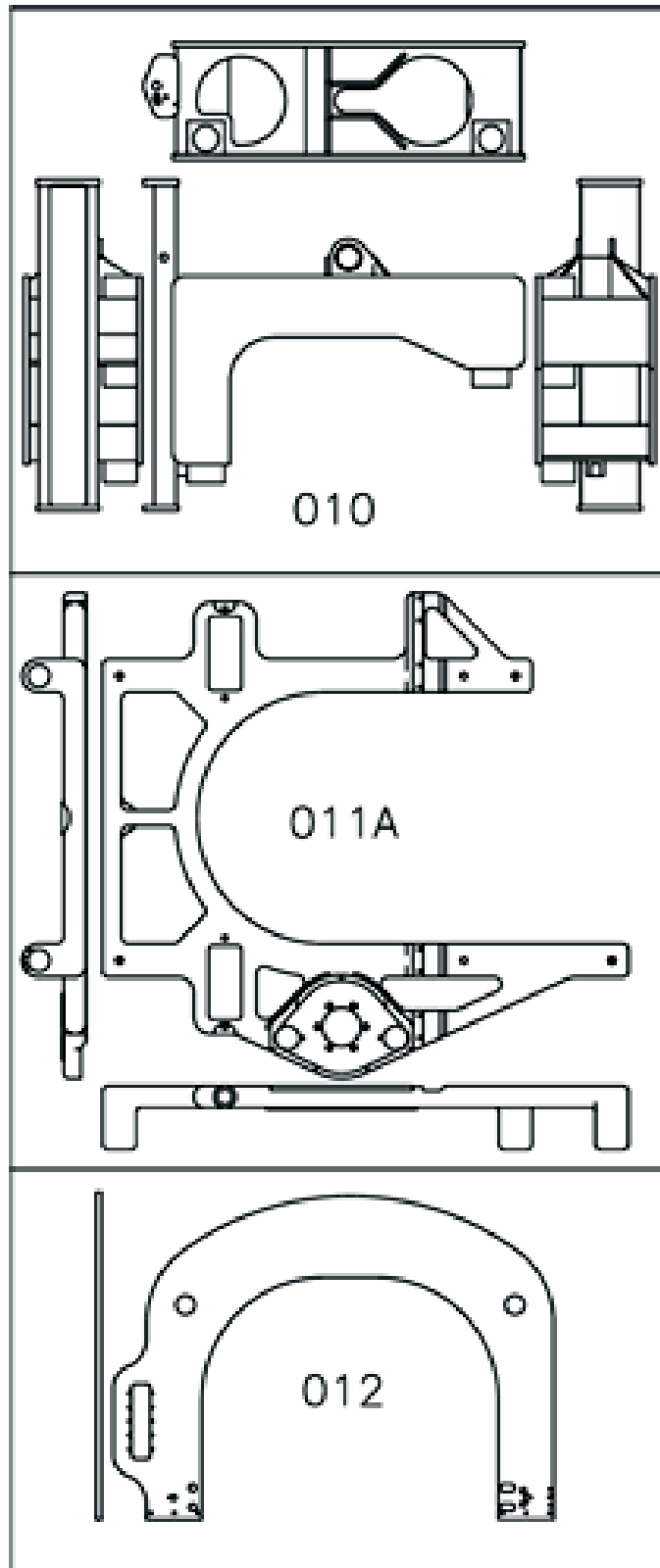


# BILL OF MATERIALS

# GOLIATH GUILLOTINE PIPE SAW

## SECTION III






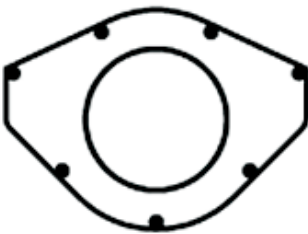






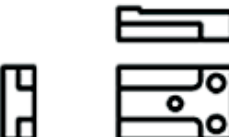





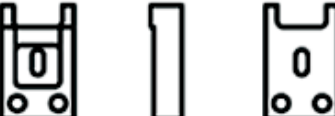



## BILL OF MATERIALS



# GOLIATH GUILLOTINE PIPE SAW

## SECTION III







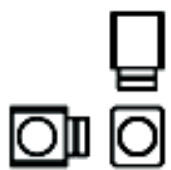

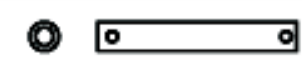
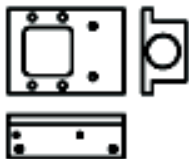


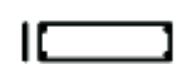
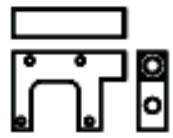
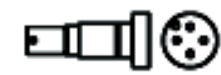
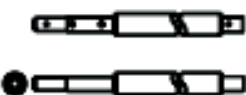
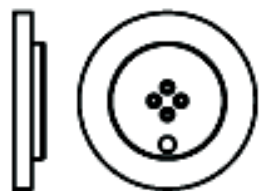



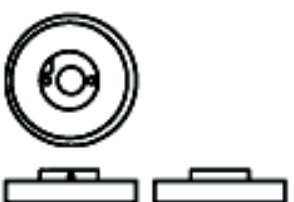


## BILL OF MATERIALS

|     |   |     |   |
|-----|---|-----|---|
| 001 |    | 031 |    |
| 002 |    |     |    |
| 003 |    | 032 |    |
| 004 |    |     |    |
| 005 |   | 033 |    |
| 006 |  | 034 |  |
| 013 |  | 035 |  |
| 014 |  | 036 |  |
| 015 |  | 037 |  |
| 016 |  | 038 |  |
|     |   | 039 |  |
|     |   | 040 |  |

# GOLIATH GUILLOTINE PIPE SAW

## SECTION III

## BILL OF MATERIALS

|     |   |     |   |
|-----|---|-----|---|
| 017 |    | B41 |    |
| 020 |    | 042 |    |
| 021 |    | 043 |    |
| 023 |    | B44 |    |
| 024 |    | 045 |    |
| 025 |   | B46 |    |
| 026 |  | 047 |   |
| 027 |  | B48 |  |
| 028 |  | 049 |  |
| 029 |  | 050 |  |
| B30 |  | 056 |  |
|     |   | 058 |  |

# GOLIATH GUILLOTINE PIPE SAW

## SECTION III

## BILL OF MATERIALS

### MANUFACTURED PARTS

| Qty. | Parts Description | Ref. # | Associated Parts       |
|------|-------------------|--------|------------------------|
| 1    | 98-037-001        | 001    | CLAMPING CHAIN         |
| 1    | 98-037-002        | 002    | HOOK, CLAMP SCREW      |
| 1    | 98-037-003        | 003    | SCREW, CLAMP           |
| 1    | 98-037-004        | 004    | NUT, CLAMP             |
| 1    | 98-037-005        | 005    | PIN, CLAMP SCREW       |
| 1    | 98-037-006        | 006    | MOUNT, CHAIN           |
| 1    | 98-037-010        | 010    | WELDMENT - FRAME, VISE |
| 1    | 98-037-011A       | 11A    | FRAME, MAIN            |
| 1    | 98-037-012        | 012    | FRAME, BOW             |
| 1    | 98-037-013        | 013    | CLAMP, BLADE PULL      |
| 2    | 98-037-014        | 014    | BOLT, BLADE CLAMP      |
| 1    | 98-037-015        | 015    | KNOB, BLADE TENSION    |
| 1    | 98-037-016        | 016    | CLAMP, BLADE TENSION   |
| 1    | 98-037-017        | 017    | GUIDE, TENSION CLAMP   |
| 1    | 98-037-020        | 020    | SHAFT-S, FRAME GUIDE   |
| 1    | 98-037-021        | 021    | SHAFT-L, FRAME GUIDE   |
| 2    | 98-037-023        | 023    | BLOCK, BOW SLIDE       |
| 2    | 98-037-024        | 024    | SHAFT, BOW SLIDE       |
| 1    | 98-037-025        | 025    | YOKE, BOW FEED         |
| 1    | 98-037-026        | 026    | COVER, FEED YOKE       |
| 1    | 98-037-027        | 027    | SHAFT, GEAR            |
| 1    | 98-037-028        | 028    | GEAR                   |
| 2    | 98-037-029        | 029    | GEAR, PINION           |
| 1    | 98-037-B30        | B30    | WHEEL, CAM             |
| 1    | 98-037-031        | 031    | HOUSING, GEAR SHAFT    |
| 1    | 98-037-032        | 032    | COVER, GEAR            |
| 1    | 98-037-033        | 033    | LEG, FRAME SUPPORT     |
| 2    | 98-037-034        | 034    | LUG, LIFTING           |
| 1    | 98-037-035        | 035    | LEVER, FEED CONTROL    |
| 1    | 98-037-036        | 036    | PIN, FEED LOCK-OUT     |
| 1    | 98-037-037        | 037    | CAM, FEED OVERLOAD     |
| 1    | 98-037-038        | 038    | RETAINER, FEED SCREW   |

# GOLIATH GUILLOTINE PIPE SAW

## SECTION III

## BILL OF MATERIALS

### MANUFACTURED PARTS

| Qty.            | Parts Description | Ref. # | Associated Parts                               |
|-----------------|-------------------|--------|--|
| 1               | 98-037-039        | 039    | BUSHING, FEED SCREW                            |
| 1               | 98-037-040        | 040    | WORM, FEED                                     |
| 1               | 98-037-B41        | B41    | GEAR, WORM FEED                                |
| 2               | 98-037-042        | 042    | RETAINER, WORM GEAR                            |
| 1               | 98-037-043        | 043    | PIN, FEED TRIP                                 |
| 1               | 98-037-B44        | B44    | SHAFT, FEED                                    |
| 1               | 98-037-045        | 045    | HOUSING, FEED SLIDE                            |
| 2               | 98-037-B46        | B46    | GIB, FEMALE FEED                               |
| 1               | 98-037-047        | 047    | MOUNT, FEED SHAFT                              |
| 1               | 98-037-B48        | B48    | SCREW, FEED                                    |
| 2               | 98-037-049        | 049    | PLATE, MALE GUIDE                              |
| 2               | 98-037-050        | 050    | GUIDE, BOW - FEMALE                            |
| 1               | 98-037-056        | 056    | SPACER, CAM FOLLOWER - BOW                     |
| 1               | 98-037-057        | N/S    | STICKER, LIFTING HARNESS                       |
| 4               | 98-037-058        | 058    | BUSHING, GUIDE ROD                             |
| 2               | 98-037-059        | N/S    | KNOB, BLADE CLAMP                              |
| 1               | 04-045-00         | N/S    | HANDLE, FEED (MODEL "D")                       |
| 2               | 97-009-07         | N/S    | RETAINER, PINION GEAR                          |
| 1               | 98-037-60         | N/S    | CHAIN SPACER                                   |
| 1               | 98-037-61         | N/S    | CHIP REMOVER                                   |
| 3               |                   |        | 1/4" DIA X 2" LONG BRASS TUBING BENT AT 45 DEG |
| 1               | 98-037-65         | N/S    | STICKER, LUBRICATION                           |
|                 | 98-037-414        | N/S    | BLADE, 32" GUILLOTINE 2/3 PITCH                |
|                 | 98-037-415        | N/S    | BLADE, 32" GUILLOTINE 3/4 PITCH                |
| *N/S= Not Shown |                   |        |  |

# GOLIATH GUILLOTINE PIPE SAW

## SECTION III

## BILL OF MATERIALS

### PURCHASED PARTS

| Qty. | Parts Description  | Associated Parts   |
|------|--|--------------------|
| 2    | MOTOR, 146cm/r x 1" Shaft x 7/8-14Port x 2Blt              | MAIN FRAME         |
| 1    | BEARING, 7/8" x 1" x 1" LG. SLEEVE                         | WORM SHAFT         |
| 1    | BEARING, 7/8" x 1" x 1-1/2" LG. SLEEVE                     | WORM SHAFT         |
| 1    | BEARING, 1" x 1-1/8" x 3/4" LG. SLEEVE                     | FEED SCREW         |
| 4    | BEARING, 2" x 2-3/16" x 1-1/2" LG. SLEEVE                  | BOW FRAME          |
| 2    | BEARING, .875 x 1.5 x .0585 THK. THRUST                    | WORM               |
| 2    | BEARING, 1.0 x 1.75 x .0585 THK. THRUST                    | FEED SCREW         |
| 1    | BEARING, 1.9685 x 3.5433 BALL                              | GEAR SHAFT         |
| 1    | BEARING, 2.3622 x 4.3307 BALL                              | GEAR SHAFT         |
| 2    | BEARING, 2.0 x 1.25 x 1-1/8-12 THD. CAM                    | CAM WHEEL/YOKE     |
| 1    | SEAL, 8.0 x 9.0 x .625                                     | FINAL GEAR         |
| 1    | SEAL, 1.938 x 3.543 x .313                                 | GEAR SHAFT         |
| 2    | NUT, 5/8 W. x 2.548-18 THD. LOCK                           | BOW SLIDE BLK'S    |
| 1    | RING, 3.0 x .061 EXTERNAL RETAINING                        | CLAMP SCREW PIN    |
| 1    | RING, 3.543 x .061 INTERNAL RETAINING                      | GEAR SHAFT         |
| 1    | RING, 1.969 x .062 EXTERNAL RETAINING                      | GEAR SHAFT         |
| 1    | RING, 2.375 x .078 EXTERNAL RETAINING                      | GEAR SHAFT         |
| 4    | O-RING 3-1/4 ID x 3/32 STD.                                | HYD. MOT/CAM WHEEL |
| 1    | O-RING 3-3/4 ID x 1/8 STD.                                 | FINAL GEAR         |
| 1    | O-RING 7-1/2 ID x 1/8 STD.                                 | GEAR SHAFT HOUS.   |
| 1    | SPRING, .60 OD x 2.500 LG. x .085                          | FEED CLUTCH        |
| 1    | SPRING, .60 OD x 2.250 LG. x .085                          | FEED CLUTCH        |
| 1    | SPRING, .70 OD x 2.0 LG. x (5/32x3/32)                     | FEED CLUTCH        |
| 1    | SWING-BOLT, 3/8-16 x 3-1/2 LG.                             | FEED CLUTCH        |
| 6    | EYE-BOLT, 1"-8 THD. X 1-3/4 ID                             | MAIN FRAME         |
| 1    | KNOB, 1-1/8 x 1-7/16 x 3/8-16 THD. BLACK                   | FEED CLUTCH LEV.   |
| 1    | KNOB, 1" x 1/4-20 THD. BLACK.                              | FEED CLUTCH PIN    |
| 2    | KNOB, BLADE CLAMP  | BLADE CLAMP        |
| 1    | KNOB, BLADE TENSIONER                                      | BLADE TENSIONER    |
| 2    | LOCKNUT, CLAMP SCREW                                       | CLAMP SCREW        |
| 5    | FITTING, 1/4-28 MALE GREASE (STRAIGHT)                     | FEED SHAFT MOUNT   |
| 1    | CHAIN, CLAMP   | 98-037-001         |
| 1    | FITTING, 90 DEG. 3/4-14 NPT (M) x 1 1/16-12 JIC (M)        | MOTOR              |
| 1    | FITTING, TEE-MALE 3/4-14 NPT (M) x (M) x (M)               | MOTOR              |
| 2    | FITTING, STR. 7/8-14 ORB (M) x 3/4-14 NPT (F)              | MOTOR              |
| 2    | FITTING, STR. 1 1/16-12 JIC (M) x 7/8-14 ORB (M)           | MOTOR              |
| 2    | FITTING, SWIVEL 90 DEG. 1 1/16-12 JIC (M) x (F)            | MOTOR              |
| 1    | FITTING, TEE-MALE 3/4-14 NPT (M) x (M) x 1 1/16-12 JIC (M) | MOTOR              |
| 1    | HIGH PRESSURE BALL VALVE 3/4 NPT                           | MOTOR              |
| 1    | HOSE, 3/4" H.P. HYD. -12 JIC (F) x (F) x 17" OA LG.        | MOTOR              |
| 1    | HOSE, 3/4" H.P. HYD. -12 JIC (F) x (F) x 30" OA LG.        | BY-PASS            |
| 1    | 90 DEG STREET ELBOW 3/8" PIPE SIZE                         | METAL REMOVAL      |
| 4"   | GALVANIZED PIPE 3/8" X 3" LONG                             | METAL REMOVAL      |
| 2    | EYE-BOLT, 1/2-13 X 1-3/16 LG" ID                           | BLADE CLAMP        |
| 1    | OBLONG SLING LINK 1/2" STOCK DIAMETER                      | SLING              |
| 5    | ANCHOR SHACKLES 3/8" STOCK Diameter                        | SLING              |
| 1    | FLAT PROFILE GRAB HOOKS 5/16" CHAIN SIZE                   | SLING              |
| 15ft | Chain 5/16"  | SLING              |

# GOLIATH GUILLOTINE PIPE SAW

## SECTION III

## BILL OF MATERIALS

### FASTNERS

| Qty. | Parts Description                | Associated Parts              |
|------|----------------------------------|-------------------------------|
| 4    | SHOULDER SCREW, 1" x 4" LG.      | SHAFT MOUNT BLK.              |
| 1    | SHOULDER SCREW, 1/2 x 2-1/2" LG. | CHAIN MOUNT                   |
| 2    | PIN, 1/4 x 5/8 LG DOWEL          | BOLT CLAMP                    |
| 4    | PIN, 5/16" x 1-1/4" LG. DOWEL    | WORM GEAR RETAINER            |
| 3    | PIN, 5/16" x 1-1/2" LG. DOWEL    | FEED WORM/FEED CAM/SCREW RET. |
| 3    | PIN, 3/8" x 1-1/2" LG. DOWEL     | 1-SPRING/2-CAM WHEEL          |
| 1    | PIN, 1/2" x 1" LG. DOWEL         | FINAL GEAR                    |
| 4    | PIN, 1/2" x 1-1/4" LG. DOWEL     | 1-CAM/2-SLIDE/1-TENSIONER     |
| 1    | PIN, 1/2 x 1-1/2" LG. DOWEL      | CLAMP SCREW                   |
| 1    | PIN, 1/2" x 1-3/4" LG. DOWEL     | FEED CONTROL LEVER            |
| 1    | PIN, 3/4" x 3" LG. DOWEL         | CHAIN HOOK                    |
| 2    | PIN, 3/4" x 1" LG. DOWEL         | GUIDE, BLADE MOUNT            |
| 2    | PIN, 1" x 2" LG DOWEL            | BLADE CLAMP                   |
| 2    | PIN, 1" x 2-1/2" LG DOWEL        | BLADE CLAMP                   |
| 1    | PIN, 3/16" x 1-1/4" LG. ROLL     | FEED TRIP PIN                 |
| 2    | PIN, 1/4" x 1-1/2" LG. ROLL      | FEED SCREW                    |
| 4    | PIN, 3/4" x 3" LG. ROLL          | BOW SLIDE SHAFTS              |
| 2    | SHCS, 3/8-16 x 2-1/4" LG.        | TENSION MOUNT                 |
| 6    | SHCS, 1/2-13 x 1-1/4" LG.        | DRIVE HOUSING                 |
| 4    | SHCS, 1/2-13 x 1-1/2" LG.        | HYD. MOTORS                   |
| 4    | SHCS, 1/2-20 x 1-1/4" LG.        | FINAL GEAR                    |
| 2    | FHCS, 1/4-20 x 7/8" LG.          | HYD. MOTORS                   |
| 7    | FHCS, 5/16-18 x 1-1/4" LG.       | GEAR COVER                    |
| 8    | FHCS, 1/2-13 x 1-1/2" LG.        | MALE GUIDE PLATE              |
| 4    | FHCS-SS, 1/2-20 x 1-1/2" LG.     | FEMALE FEED GIB               |
| 6    | FHCS, 1/2-13 x 1-3/4             | FEMALE BLADE GUIDES           |
| 2    | FHCS-SS, 3/4-10 x 4" LG.         | BLADE CLAMP                   |
| 1    | SSS, 3/8-16 x 1-1/4" LG.         | FEED CONTROL LEVER            |
| 1    | SSS, 1"-8 x 4" LG.               | FRAME SUPPORT LEG             |
| 10   | HHCS, 3/8-16 x 1-1/4             | BLADE YOKE                    |
| 4    | HHCS-SS, 1/2-20 x 2-1/2" LG.     | FEED SLIDE                    |
| 2    | HHCS-SS, 3/4-16 x 3-1/2" LG.     | BLADE TENSIONER               |
| 4    | BHCS, 10-24 x 3/8                | BLADE YOKE COVER              |
| 1    | NUT, 3/8-16 NYLOCK               | CHAIN MOUNT                   |
| 1    | WASHER, 1/4" STD.                | FEED SPRING                   |
| 1    | 1"-8 STAINLESS STEEL HEX HEAD    | CHIP REMOVER                  |



# GOLIATH GUILLOTINE PIPE SAW

SECTION IV

REORDER

To place an order or to get more detailed information on any E.H. Wachs products, call us at:  
1-800-323-8185.

## ORDERING REPLACEMENT PARTS

Please use parts list provided in manual. Have part description and part number of required replacement part or parts to help expedite order and insure proper parts are being ordered.

## REPAIR INFORMATION

Please call E.H. Wachs Company prior to returning any equipment for repair. We will advise you of shipping and handling. Please enclose with equipment to be repaired your name, address, phone number and a brief description of problem or work to be done or estimated.

All repair work done at our plant will be estimated and the customer advised of cost and time required to complete repair.

## WARRANTY INFORMATION

Enclosed with the manual is a warranty card. Please fill out the registration card and return to E.H. Wachs. Retain the owners registration record and warranty card for your information.

## RETURN GOODS ADDRESS

E.H. Wachs Company  
100 Shepard Street  
Wheeling, Illinois 60090

**Alpha Rentals, L.L.C.**  
**4706 Curtis Lane**  
**New Iberia, LA 70560**  
**337-367-2880 [www.alpha4rentals.com](http://www.alpha4rentals.com)**

847-537-8800

FAX: 847-520-1147 • 847-520-1168

Toll-Free: 1-800-323-8185

[WWW.WACHSCO.COM](http://WWW.WACHSCO.COM)



**TUBE & PIPE**

**CUT-OFF MACHINES**



Mod. Goliath Guillotine Ser. No.

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